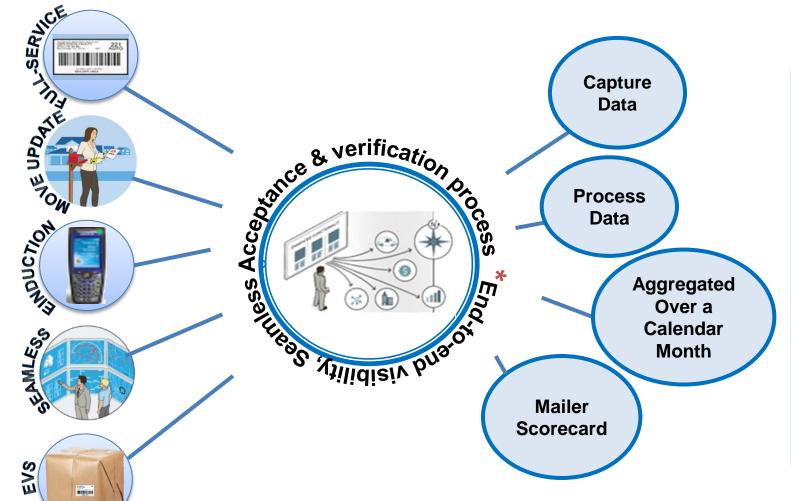


Mail Entry Payment & Technology

Mailing Initiatives





- Mailer Scorecard Update
- Full-Service
- Move Update
- eInduction
- Seamless Acceptance
- Resources

Mailer Scorecard ACTIONS to Engagement, Communication, Training

Objective: Provide a recommendation for each program (Full-Service, Move Update, Seamless, eInduction) on the readiness of transitioning to trend based verification

Desired Results

- Validate data quality across key reports and invoices
- Validate stability of systems to consistently meet establish SLAs
- Validate attribution of data to the correct parties

Communication:

- All Task Team 23 documentation is regularly posted to the main RIBBS landing page for ease of access to all.
- Mail Quality Programs central document will become a USPS Publication

Training:

- Comprehensive suite of documents developed:
 - USPS Mailer Scorecard Performance Metrics
 - Guide to Thresholds
 - Guide to Assessable Metrics
 - Guide to Postage Assessment

Create single policy publication for Streamlined Mail Entry for Letters and Flats





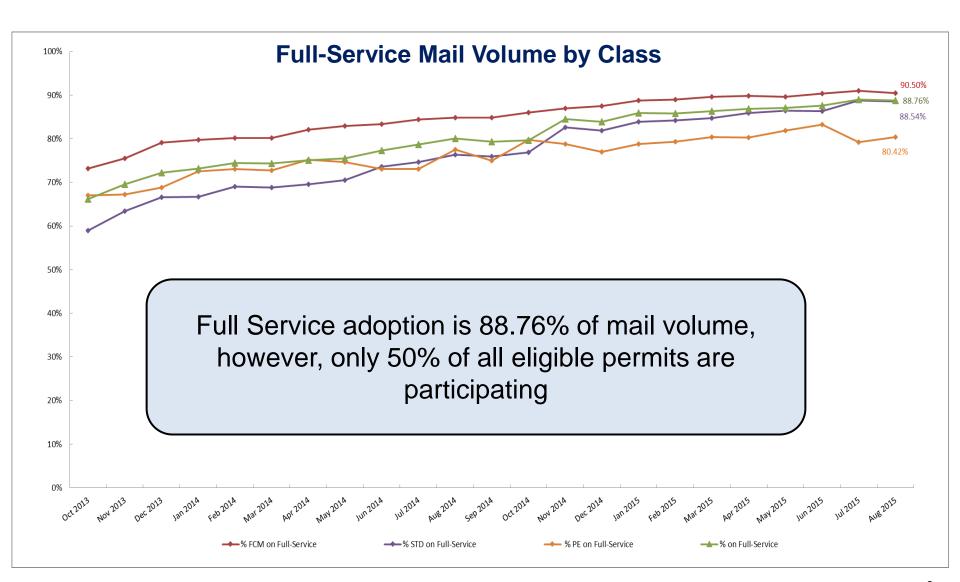
- Developed performance metrics, posted to RIBBS weekly
 - eDoc Processing
 - Report Availability
 - **Data Availability**
 - Mailer Feedback
- **Evaluating options to improve performance and meet SLAs**

Category	Metric Name	Threshold	SLA		Avg last 4 wks	7/31	7/24	7/17	7/
	Mail.dat Job End-to-End Processing Time	98%	Jobs processed in under 2 hours		99.9%	99.9%	99.9%	99.9%	99.
		98%	Qualification Report Summary messages processed in <30 seconds	97.9%	99.5%	98.9%	100.0%	99.2%	100
eDoc		98%	Qualification Report Detail messages processed in <4 minutes	100.0%	99.9%	99.9%	100.0%	100.0%	99.
	Mail.xml Message End-to-End Processing Time	98%	Mail Piece messages processed in <2 minutes	96.3%	95.9%	96.7%	96.9%	95.8%	94.
		98%	Postage Statement messages processed in <3 minutes	99 1%	98 8%	98 1%	99 1%	99 1%	98

https://ribbs.usps.gov/intelligentmail_latestnews/documents/tech_guides/USPSMailerScorecardPerformanceMetrics.xlsx









Vendors with Full-Service Software Capabilities

Vendors offer a variety of software products to prepare and present presort mailings which support Full-Service. Please contact the software vendor to activate the Full-Service capability

 Get started today to take advantage of cost savings and benefits designed to help grow your business







Click on Getting Started

For the most current list of available vendors and more information about transitioning, please visit ribbs.usps.gov and click Getting Started under the Intelligent Mail® Services tab.



Full-Service eDoc Quality Verifications

eDoc Verifications

Description

Mailer ID

MIDs in the IMcb, IMtb, & IMb as listed in the eDoc must be valid and assigned by the USPS

Service Type ID

The **STID** in the IMb as listed in the eDoc must be valid and correct for the mail class and service level of the mailpiece

By/For

By/For –The mail owner and preparer must be identified correctly in the eDoc for a mailing with more than 5000 pieces per day for a single mail owner

Barcode Uniqueness

Unique Barcodes in the IMcb, IMtb, & IMb as listed in the eDoc must be unique across all mailings from all mailers over the previous 45 days

Entry Facility

The **Entry Facility** for a container or handling unit as listed in the eDoc must match the entry facility retrieved from the Mail Direction File or the Facilities Database

Unlinked Copal

All trays/virtual sacks marked for co-palletization at origin must have corresponding eDoc linking to a pallet within **14 days**





Full- Service Requirements

Unique Intelligent
Mail® Barcodes must
be on all mailpieces,
Handling Units, and
containers. These
barcodes must be
unique across all
mailings / mailers
over the previous 45
days

eDoc must be submitted using Mail.dat, Mail.XML, Postal Wizard, or the IMsb

Claim Full-Service discounts for the following
mailpiece types only:

- First-Class® postcards, letters and flats
- Standard Mail® letters and flats
- Periodicals letters and flats
- Bound Printed Matter flats
- Standard Mail Basic Carrier Route flats
- Standard Mail High Density Plus carrier Route flats
- Periodicals Carrier Route flats

Full-Service Verifications		
# MID Container Errors	5	5
# MID HU Errors	19	19
# MID Piece Errors	980	980
# STID Errors		
# By/For Errors	980	980
# Barcode Uniqueness Container Errors	-	
# Barcode Uniqueness HU Errors	-	-
# Barcode Uniqueness Piece Errors		
# Entry Facility Container Errors	-	-
# Entry Facility HU Errors		-
# Unlinked Copal Tray Errors	-	N/A
Total Additional Postage Due (Full-Service Electronic) - Info Only		

Full-Service Errors in August 2015

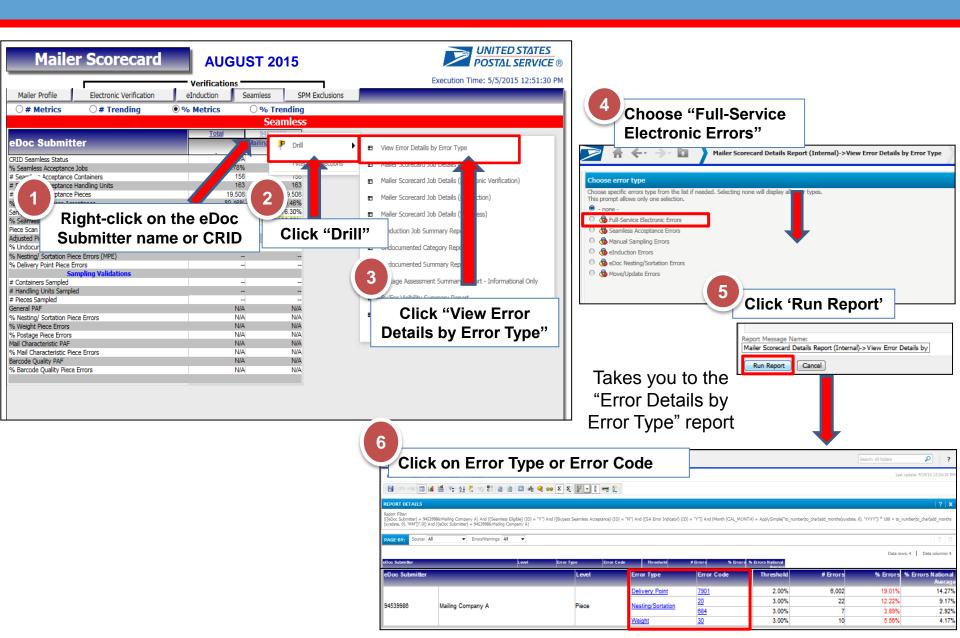
ė	Verification	Threshold	Error %
	MID Error - Container	2%	.00%
	MID Error – HU	2%	.10%
	MID Error – Piece	2%	.05%
	Service Type ID	2%	.16%
	By/For	5%	7.88%
	Barcode Uniqueness - Container	2%	.66%
	Barcode Uniqueness – HU	2%	.38%
	Barcode Uniqueness – Piece	2%	1.60%
	Entry Facility	5%	.51%
	Unlinked Copal	5%	.61%

MAILER SCORECARD

Up to 72 hours for data availability after finalization



Full-Service Detailed Error Drilldowns





By/For Error Causes

Matching

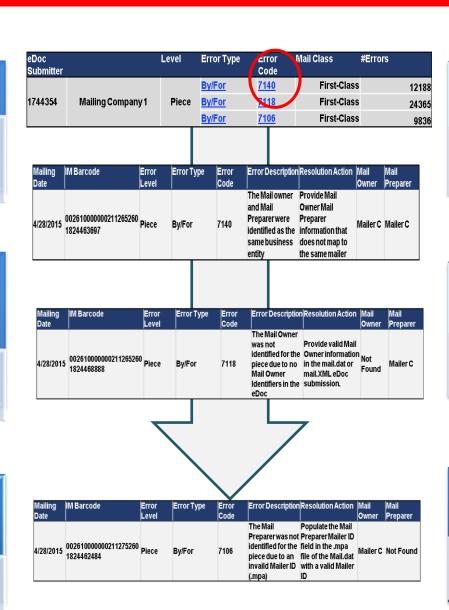
Mail Owner and Mail Preparer were identified as the same business entity

Missing Mail Owner Mail Preparer Identifier

Mail Owner/Mail Preparer was not identified in the eDoc

Invalid MID or CRID

Mail Owner/Mail Preparer identifier(s) provided in eDoc invalid



By/For Error Corrections

Matching

Contact Software Provider and Access Fact Sheets on RIBBS

Missing Mail Owner Mail Preparer Identifier

Provide information in eDoc

Invalid MID or CRID

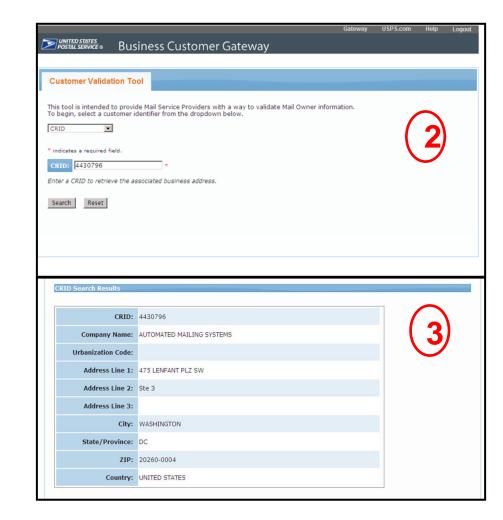
Access the Customer Validation Tool BCG to validate MID, <u>CRID</u>, Permit or Publication number





MSPs may validate Mail
 Owner Information by
 providing the Mail Owner
 CRID, MID, Permit ID or
 Scheduler ID in Customer
 Validation Tool







Barcode Uniqueness

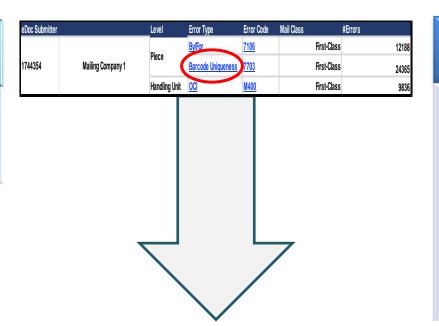
Barcode Uniqueness Error Causes

Barcode Uniqueness

IMcb, IMtb or IMb not unique across all mailings/jobs for previous 45 days

Barcode uniqueness exception:

- Simple mailings <10,000
 pieces where every IMb
 within the job is same Class
 of STID + MID + Serial
 Number
 - Serial Number can only be used in that mailing & must be unique across previous 45 days
 - Electronic postage statements can be created using Postal Wizard, Mail.dat, and Mail.XML



Barcode Uniqueness Error Corrections

Barcode Uniqueness

Determine uniqueness at handling unit & container level: MID + Serial Number

Determine uniqueness at mailpiece level:

Class of STID + MID + Serial Number

Mailing Date	IM Barcode	Error Level	Error Type	Error Code	Error Description	Resolution Action	Mail Preparer Mail Owner
4/15/2015	0026100000002112236851479530258	Piece	Barcode Uniqueness	7703	Barcode(Imb) from the eDoc(.pdr) was used more than once within the 45 days from the Postage Statement	Do not populate an Imb in the .pdr file or .pbc file with the same Mailer ID/Serial Number/Mail Class combination across mailings within a 45 day period of the intended Posyage Statement Mailing Date	Mailing Mail Owner ABC Company 1



Barcode Uniqueness for Smaller Mailings

For mailings less than 10,000 pieces, mailers have two options:

□ Option A:

 Provide an identical Barcode Serial Number within a single mailing that must maintain uniqueness across mailings for 45 days

□ Option B:

 Provide a range of unique Barcode Serial Numbers throughout a single mailing that must maintain uniqueness across all mailings for 45 days



Full-Service Benefits





Move Update



Address Quality Measurement Alternative Proposed

- Move Update standard is used to reduce the number of mailpieces forwarded or returned by regularly matching mailer's address with COA
- The process used today to measure Move Update- MERLIN is still being used and additional postage due to a failure would be paid at the individual mailing level
- Under the census approach, Move Update errors are reported for the eDoc submitter CRID over a calendar month
- The Move Update census method is pending approval by the appropriate management and regulatory departments

Mailpieces go through MPE

MPE scans address info & compares against NCOA records



Error is identified if COA create date or effective date is between 95 days and 18 months of postage finalization



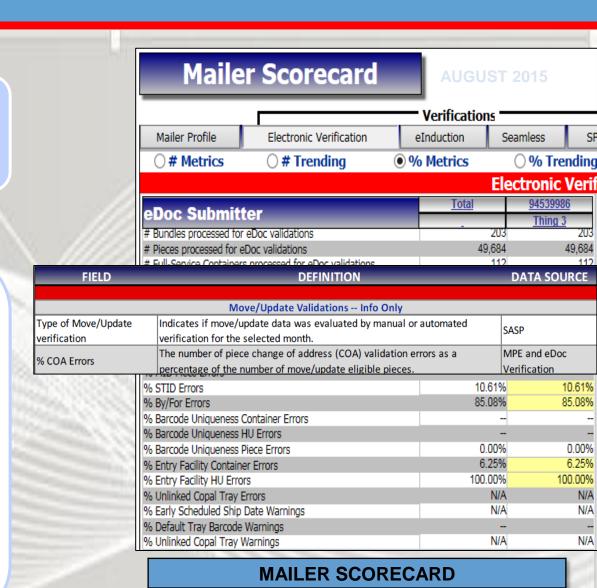
Move Update

Census Move Update results are shown on the Mailer Scorecard

Move Update applies to:

- First-Class Mail presorted or automation prices
- First-Class Package Service
- Parcel Select Lightweight
- Standard Mail
- Periodical Mail*
- Mixed mailings that pertain to at least one of the above categories

*DMM 507.1.5.3 states address correction service is mandatory for all periodicals



Information is currently for informational purposes only



Move Update Verification

Verifications

Description

Move Update

When a piece scan has an outdated delivery address and the COA on file existed between 95 days and 18 months of the postage statement finalization date

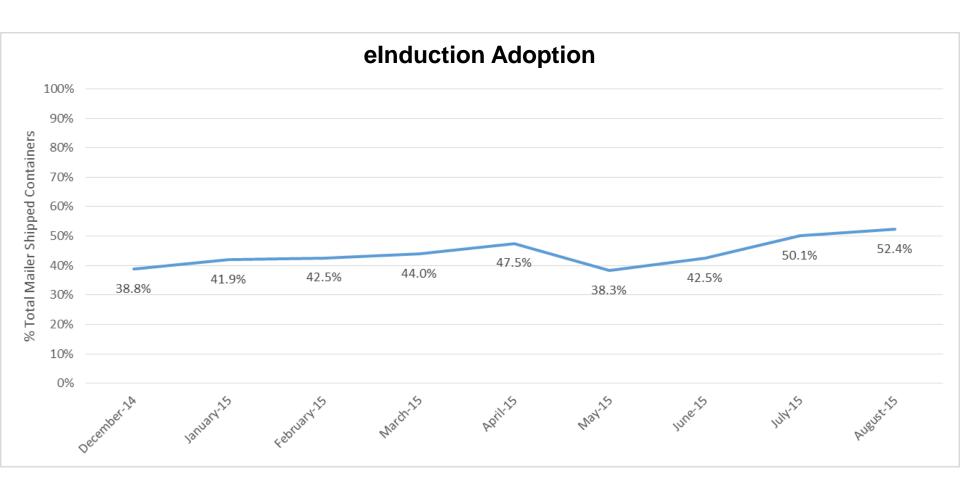
Mailing Date	IM Barcode	Error Level	Error Type	Error Code	Error Description	Error Data	eDoc Job ID	eDoc Mailing Group ID
4/15/2015	0026100000002112752601824469999	Piece	Move/Update	3000	effective date is between 95	COA CREATE DATE = 09/01/2014COA EFFECTIVE DATE = 09/01/2014. POSTAGE STATEMENT FINALIZATION DATE-04/15/2015	SA190303	60914089

Move Update Errors in August 2015				
Verification	Threshold	Error %		
Move Update	0.8%	0.17%		

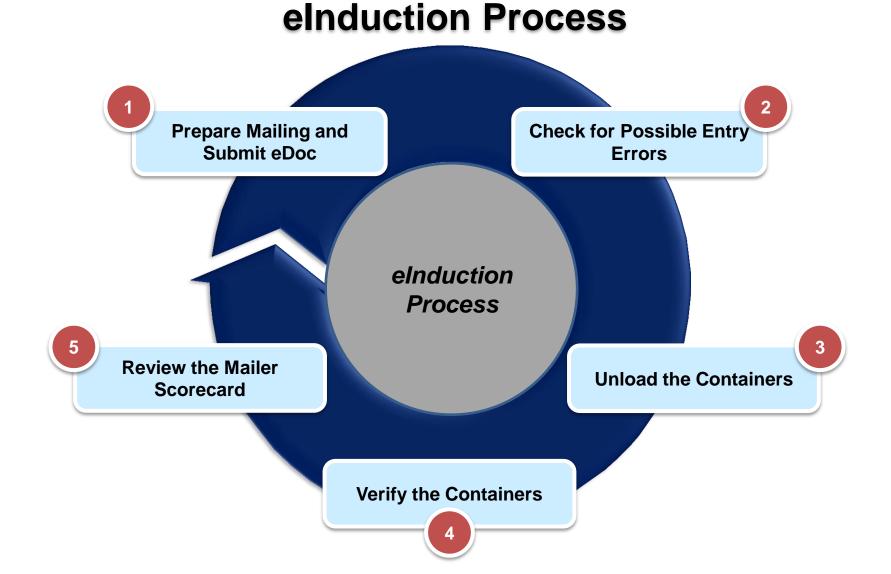


eInduction













elnduction Mailing Requirements

eDoc must be submitted using Mail.dat,
Mail.XML or Postal
Wizard

IMcbs must be unique across all mailings / mailers over the previous 45 days. IMcbs must be removed from eDoc if they are not produced

Containers must not be included on paper 8125/8017 when flagged for elnduction.
Containers should not be flagged as elnduction if not participating in the program

eInduction indicator must be set to **Y** in the Mail.dat or Mail.XML file

Postal Wizard users indicate elnduction when entering postage statement



PostalOne! Reports

Provide real time status of elnduction containers

Shipping Summary Report Quick Status Report

MAILER SCORECARD

Up to 72 hours for data availability after induction



elnduction Detailed Error Drilldowns

Quick Status Report

- Available to all users via the Business Customer Gateway
- Clearance to ship and unload/acceptance status

Red = Container is not cleared for shipment

IMcb	Postage Statement Mailing Date	Re	lease Status	Scan	Date/Time	Scan Facility	Unload Status	Induction Status
99M001	7/26/2014	0	Payment		None	None	None Otatas Tamas	None
99M002	7/26/2014	0	Cleared	1000	• Pavn		Status Terms tatements for the	container
99M003	7/26/2014	0	Payment	1001		not been finalize		
99M004	7/26/2014	0	Planned Entry Point	1230			container may be : Entry Locale Ke	
99M005	7/26/2014	0	Cleared	1300			Container is at ris	sk of being
99M006	7/26/2014	0	Continuous	1300		nipped inuous : Contain	er has a continuo	oue MID
99M007	7/26/2014	0	Entry Point Discount	1300	can b	e shipped.		,
99M007	Intelligent Mail Containe eDoc file and the eInduc			en iden	eDoc	is incorrect at th	t: Entry discount ne planned entry l	ocation per
					nall direction file ling EPD verifica	(MDF). Containe tion	er is at risk	
Green = Container is cleared for shipment Yellow = Container can be shipped, but is at risk for failing elnduction verification				• Zone the p	: Zone discount	claimed in eDoc ation. Container		



eInduction Error Types

Payment

IMcb was included in eDoc but the eDoc was never finalized

Undocumented

No eDoc with the IMcb AND Continuous Mailer ID (MID) in IMcb is registered for eInduction

Duplicate

Same IMcb was scanned on different appointments

Misshipped

Container was entered at the wrong facility per the MDF.

Checks the overall container destination zip and entry facility type

Entry Point Discount

Container includes mail that claims an entry discount that's invalid at the entry location

Zone

Container includes mail that claims the wrong zone price

elnduction Errors August 2015

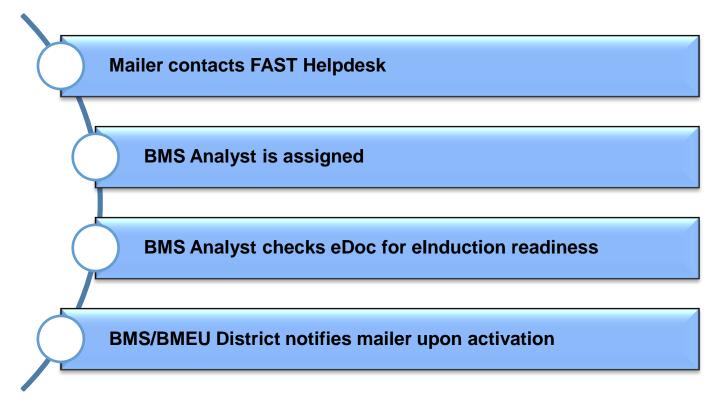
Verification	Threshold	Error %			
Payment	0.00%	0.10%			
Undocumented	0.00%	0.19%			
Duplicate	0.17%	0.06%			
Misshipped	1.05%	0.86%			
Entry Point Discount	1.88%	0.18%			
Zone	0.10%	0.39%			



elnduction Onboarding Process







Note: Mailers do not have to meet Full-Service requirements to participate in elnduction, but elnduction does require the use of eDoc and unique barcodes



Mailer elnduction Onboarding Responsibilities

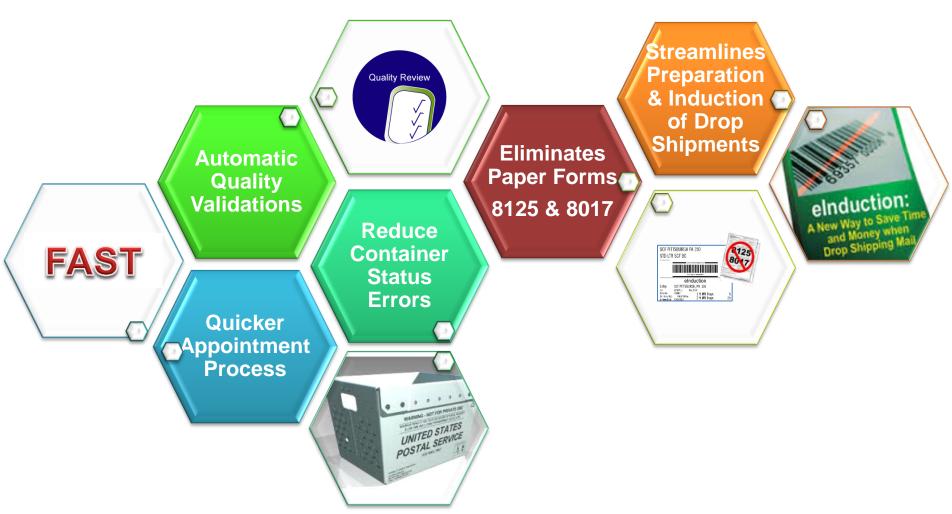
After the CRID activation, mailers perform the following steps:

After Joining eInduction					
Submit eDoc via Mail.dat, Mail.XML, or Postal Wizard					
Step 1	Prepare and submit eDoc				
Step 2 Print and attach IMcb barcodes to containers					
Step 3 Flag all containers that are elnduction					
Step 4	Submit eDoc				

Note: Mailers performing verification, acceptance and induction at a BMEU entry will not be using elnduction



eInduction Benefits

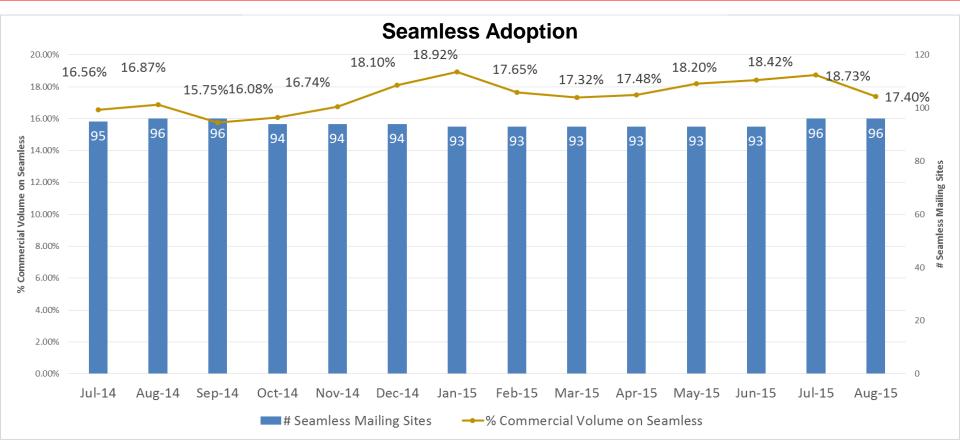




Seamless Acceptance



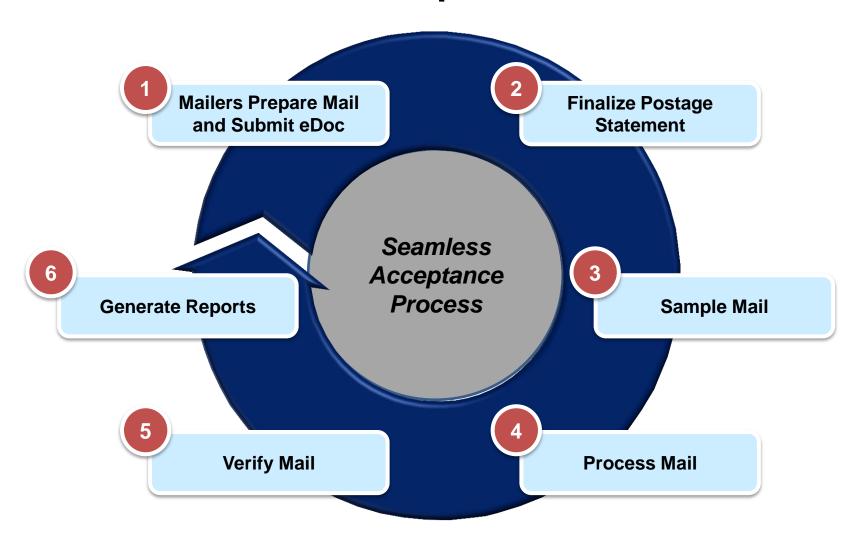
Seamless Acceptance



- ✓ Contact BMS analyst if you are interested in switching to Seamless Parallel today
- ✓ Requirements:
 - √ At least 90% Full Service
 - ✓ All pieces uniquely barcoded and in eDoc
 - ✓ Participate in elnduction if preparing origin or destination entry-drop shipments



Seamless Acceptance Process





Seamless Acceptance

Seamless Acceptance Participation Requirements

90% or more of all eligible pieces must be part of a Full-Service mailing

The following **eDoc methods** must be used Mail.dat, Mail.XML or Postal Wizard

"MPE" Data -

obtained from

MPE scans

and/or eDoc

"Sampling"

Data - obtained

from Sampling

Unique Barcodes
must be applied to all
containers, all
handling units and
mailpieces

All barcodes must be unique & included in eDoc

Participate in elnduction if preparing origin or destination entrydrop shipments

Mailer Scorecard AUGUST 2015 Verifications Mailer Profile Electronic Verification eInduction Seamless # Metrics # Trending Metrics ○ % Trending Seamle eDoc Submitter CRID Seamless Status N/A None # Seamless Acceptance Jobs # Seamless Acceptance Containers 254 # Seamless Acceptance Handling Units 68,242 18,558 # Seamless Acceptance Pieces # Seamless Acceptance Jobs not Auto-Finalize # Seamless Documented Piece Scans # Adjusted Seamless Documented Piece Scans # Undocumented Pieces Unscanned Undocumented Pieces at Risk - Lower Bound N/A Unscanned Undocumented Pieces at Risk - Upper Bound Additional Postage Due (Undocumented Pieces) - Info Only # Nesting/ Sortation Piece Errors (MPE) # Delivery Point Piece Errors Sampling Verifications # Containers Sampled # Handling Units Sampled # Pieces Sampled General PAF N/A # Nesting/ Sortation Piece Errors # Weight Piece Errors N/A N/A General PAF Potential Postage Due - Info Only N/A Mail Characteristic PAF N/A N/A # Mail Characteristic Piece Errors N/A Mail Characteristic PAF Potential Postage Due - Info Only N/A Barcode Quality PAF # Barcode Quality Piece Errors Barcode Quality PAF Potential Postage Due - Info Only

MAILER SCORECARD

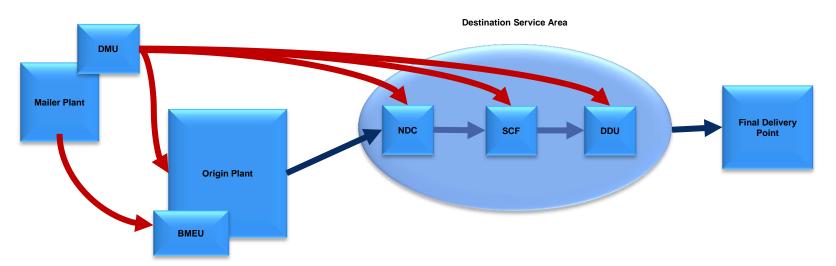
Up to 72 hours for data availability after finalization



Seamless Acceptance Participation Requirement

eInduction Participation Requirement

- Mailer must participate in elnduction if preparing the following:
 - DMU-verified origin entry shipments
 - All destination entry-drop shipments
- Mailings accepted, verified, and entered at BMEUs do not have to participate in elnduction





Seamless Acceptance Error Types

Census/MPE Verifications

Description

Undocumented

IMb was scanned and can not be found on any eDoc

Nesting / Sortation

Piece was placed on a different tray or bundle than was included in the eDoc

eDoc Verification

Delivery Point

Last 11, 9, or 5 digits of the IMb (the delivery point) do not exist as a delivery point in the USPS

Seamless Acceptance Errors August 2015				
Verification	Threshold	Error %		
Undocumented	0.30%	0.88%		
Nesting/Sortation	1.00%	0.08%		
Delivery Point	2.00%	0.08%		



Seamless Acceptance Error Types

Sampling Verifications

Description

Postage

Postage Payment Method or Postage Affixed amount on piece different than included in the eDoc

Weight

Piece weight is different than was included in the eDoc

Mail Characteristic

Piece was paid at Standard Mail price but the content should make it a First-Class piece OR piece is paid at a Non-Profit piece but the content should make it a Regular price piece

Barcode Quality

Piece had a unscannable barcode and was included in a mailing that only had automated price pieces

Seamless Acceptance Errors August 2015					
	Threshold	Error Percentage			
Nesting/Sortation	-	0.93%			
Postage	5%	0.36%			
Weight	5%	0.41%			
Mail Characteristic	5%	0.14%			
Barcode Quality	5%	0.00%			

Seamless



Seamless

Seamless Acceptance Onboarding Process

Seamless Parallel is a communication and guidance effort for mailers to smoothly transition to the Seamless Acceptance program

PARALLEL	ACCEPTANCE
Traditional verifications performed	Traditional verifications NOT performed
Seamless Acceptance verifications performed	Seamless Acceptance verifications performed
Seamless Acceptance verifications do NOT result in additional postage	Seamless Acceptance verifications may result in additional postage
Auto-finalization does NOT occur	Auto-finalization occurs

- Mail quality must be below thresholds for all Seamless Acceptance verifications for at least one calendar month to move to Seamless Acceptance
- After Seamless Acceptance onboarding, all postage statements are autofinalized and automated verifications are completed



Seamless Acceptance Benefits





Mail Owner

- Where identified as mail owner in eDoc
- Reports: Owner Preparer
 View of Mailer Scorecard
- View data across mail preparers for:
 - Mailpiece
 - Handling Unit
 - Containers

Mail Preparer/Mail Service Provider

eDoc Submitter Reports:

- Mailer Scorecard eDoc Submitter View
- Mailer Scorecard Owner/Preparer View
- Shipping Summary Report
- View data across all mail owners and transportation providers:
 - Mailpiece
- Handling Unit
- Containers

Transportation Provider

- Appointment Scheduler or Transportation Carrier
- Based on FAST appointments for actual container entry OR identification in eDoc
- Reports: Shipping Summary Report
- View container level data across all appointments



Data Downloads/Extracts

Mailer Scorecard Detailed Error Request

- On the Mailer Scorecard, there is a cap on piece errors at the Job, Preparer,
 Owner, Error Code level at 500 for Delivery Point Verifications, 200 for Move Update, and 100 for all other error types
- □ Currently, this cap is impacted by ALM 3470- Detailed Error, where records are being capped at 1,100 records at Job/Error Code level
- ☐ If a mailer wants to see the full set of error data, they must contact the *PostalOne!* Help Desk and submit a Detailed Errors Data Request Form

Detailed Error Data Request Form

Instructions: Please submit completed form to the PostalOne! Help Desk: PostalOne@usps.gov (also available by Phone: 1-800-522-9085)

Mailer Contact Name: Click here to enter text. Mailer Contact Phone: Click here to enter text.

Mailer Contact Email: Click here to enter text.

Frequency: Choose an item.

Mailer: Click here to enter text.

Begin Date: Click here to enter a date.
End Date: Click here to enter a date.
Large File Transfer Location: Choose an item.
Mailer Type: eDoc Submitter□ Owner□

eDoc Submitter CRID (Required if eDoc Submitter is selected as Mailer Type): Click here to enter text.

Owner CRID (Required if Owner is selected as Mailer Type): Click here to enter text.

CRID or Mailer ID (for Undocumented data requests): Click here to enter text.

Job ID(s)/Mailing Group ID(s) (if available): Click here to enter text.

Mailer Scorecard Screenshot (if available):

Full Service Verifications

Barcode Uniqueness Errors (Container)

Barcode Uniqueness Errors (Handling Unit)

Barcode Uniqueness Errors (Piece)

By/For Errors

STID Errors (Piece)

MID Errors (Piece) □

Entry Facility Container Errors

Seamless Verifications (Census)

Undocumented Errors (MPE)

Nesting/Sortation (MPE)

Delivery Point Verification

Move/Update Errors □

Seamless Verifications (Sampling)
Undocumented Errors (Sampling) □

Weight (Sampling)

Nesting/Sortation (Sampling) ☐
Postage (Sampling) ☐

Mail Characteristic (Sampling)

Other Verifications

Special Instructions: Click here to enter text.

Mailer Contacts PO! Help Desk to obtain all error data

PO! Help Desk logs remedy ticket/ contacts SASP team

SASP team sends data to mailer/assigns ticket back to PO! Help Desk

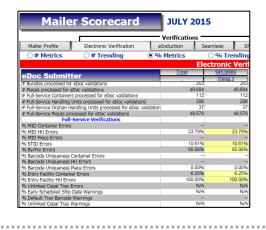
PO! Help Desk notifies mailer of data transmission



Preparing for Postage Assessment



Monitor & Investigate
Mailer Scorecard to
Address Problem
Areas





Results of these verifications are aggregated over a calendar month





Postage Assessment Report displays total number of invoiceable errors only





Postage Assessment Process



Mail Entry Additional Postage Assessment Report

eDoc Submitter CRID	Company Name	Assessment Period	Impact from Seamless	<u>Impact from</u> <u>Move/Update</u>	Impact from eInduction	Impact from Full Service Electronic Verification	Additional Postage <u>Due</u>	<u>Adjusted</u> <u>Additional Postage</u> <u>Due</u>	Postage Due	<u>Status</u>	<u>Action</u>
<u>20549548</u>	ABC Company	December 2014	\$0.00	\$0.00	\$0.00	\$40.82	\$40.82	\$40.82	\$40.82	Pending Action	Request Review Pay
<u>20550227</u>	XYZ TEST COMPANY INC	December 2014	\$142.33	\$0.00	\$0.00	\$21.98	\$164.31	\$164.31	\$164.31	Pending Action	Request Review Pay
<u>20550229</u>	DEV TEST COMPANY	December 2014	\$0.00	\$0.00	\$0.00	\$6.02	\$6.02	\$6.02	\$6.02	2 Pending Action	Request Review Pay
Totals:			\$142.33	\$0.00	\$0.00	\$68.82	\$211.15	\$211.15	\$211.15		

- ✓ Displays a summary of all assessments that will be due for the calendar month
- ✓ Pay for an assessment or request a review



Resources

RIBBS → Intelligent Mail Services → Guides and Technical Specifications
Mail Entry Roadmap

https://ribbs.usps.gov/intelligentmail_latestnews/documents/tech_guides/MailEntryRoadmap.pdf

Certified Full-Service Vendor Summary List

https://ribbs.usps.gov/uniqueimb/documents/tech_guides/VendorFullServiceCapabilities.pdf

Certified Full-Service MSP/Mail Owner Summary List

https://ribbs.usps.gov/intelligentmail/documents/tech_guides/MSP_MailOwnerInformationalSheet.pdf

Guide to Intelligent Mail for Letters & Flats

https://ribbs.usps.gov/intelligentmail_guides/documents/tech_guides/GuidetoIntelligentMailLettersandFlats.pd f

Guide to elnduction

https://ribbs.usps.gov/intelligentmail_guides/documents/tech_guides/Guide_to_elnduction.pdf

Guide to Seamless

https://ribbs.usps.gov/intelligentmail_guides/documents/tech_guides/GuidetoSeamlessAcceptance.pdf

Guide to Mailer Scorecard/Microstrategy

https://ribbs.usps.gov/intelligentmail_guides/documents/tech_guides/GuideToMailerScorecard.pdf

Assessable Metrics by Program

https://ribbs.usps.gov/intelligentmail_latestnews/documents/tech_guides/Assessable_Metrics_by_Program.pd f

Thresholds Guide

https://ribbs.usps.gov/intelligentmail_guides/documents/tech_guides/ThresholdProcess.pdf

Guide to the Postage Assessment

https://ribbs.usps.gov/intelligentmail_latestnews/documents/tech_guides/GuidetoPostageAssessment.pdf



